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preselected target nucleic acid sequence, a second homology clamp that is substantially complementary to said preselected target nucleic acid sequence, and at least one locking sequence.

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44. (Amended) The composition of claim 113 further comprising a secondary probe, wherein said probe is substantially complementary to at least one of forms a lock structure with said locking sequence.

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45. (Amended) The composition of claim 113 wherein said locking sequences form an anchor structure from the group consisting of a triplex anchor, a quadruplex anchor, a Z-DNA anchor, and an A-DNA anchor.

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52. (Amended) The composition of claim 113 wherein at least one of said targeting polynucleotides comprises a peptide nucleic acid.

53. (Amended) The composition of claim 113 wherein said locking sequences comprise DNA and RNA.

54. (Amended) The composition of claim 113, wherein said recombinase is a species of prokaryotic recombinase.